

## STIC Biotechnology Systems Branch

### RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/501,838  
Source: PGT/10  
Date Processed by STIC: 1/26/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

# Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 10/501,838
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 <input type="checkbox"/> Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <input type="checkbox"/> Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 <input type="checkbox"/> Misaligned Amino Numbering	The numbering under each 5 <sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4 <input type="checkbox"/> Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 <input checked="" type="checkbox"/> Variable Length	Sequence(s) <u>20,21 (maybe more)</u> contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <input type="checkbox"/> PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s). Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 <input type="checkbox"/> Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped  Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 <input type="checkbox"/> Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10 <input type="checkbox"/> Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11 <input type="checkbox"/> Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 <input type="checkbox"/> PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 <input type="checkbox"/> Misuse of n/Xaa	"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid	



PCT

## RAW SEQUENCE LISTING

DATE: 01/26/2005

PATENT APPLICATION: US/10/501,838

TIME: 14:34:15

Input Set : A:\24348-501NATL.ST25.txt

Output Set: N:\CRF4\01262005\J501838.raw

3 <110> APPLICANT: Ben-Sasson, Shmuel A.  
 4 Cohen, Einat  
 6 <120> TITLE OF INVENTION: Amino Acid Sequences Capable of Facilitating Penetration  
 Across a  
 7 Biological Barrier  
 9 <130> FILE REFERENCE: 24348-501 NATL  
 11 <140> CURRENT APPLICATION NUMBER: US 10/501,838  
 C--> 12 <141> CURRENT FILING DATE: 2004-07-19  
 14 <150> PRIOR APPLICATION NUMBER: PCT/IB03/00968  
 15 <151> PRIOR FILING DATE: 2003-02-07  
 17 <150> PRIOR APPLICATION NUMBER: US 60/355,396  
 18 <151> PRIOR FILING DATE: 2002-02-07  
 20 <160> NUMBER OF SEQ ID NOS: 72  
 22 <170> SOFTWARE: PatentIn version 3.2  
 24 <210> SEQ ID NO: 1  
 25 <211> LENGTH: 23  
 26 <212> TYPE: PRT  
 27 <213> ORGANISM: Haemophilus influenzae  
 29 <400> SEQUENCE: 1  
 31 Asn Tyr His Asp Ile Val Leu Ala Leu Ala Gly Val Cys Gln Ser Ala  
 32 1 5 10 15  
 35 Lys Leu Val His Gln Leu Ala  
 36 20  
 39 <210> SEQ ID NO: 2  
 40 <211> LENGTH: 23  
 41 <212> TYPE: PRT  
 42 <213> ORGANISM: Pasteurella multocida  
 44 <400> SEQUENCE: 2  
 46 Asn Tyr Tyr Asp Ile Thr Leu Ala Leu Ala Gly Val Cys Gln Ala Ala  
 47 1 5 10 15  
 50 Lys Leu Val Gln Gln Phe Ala  
 51 20  
 54 <210> SEQ ID NO: 3  
 55 <211> LENGTH: 23  
 56 <212> TYPE: PRT  
 57 <213> ORGANISM: Escherichia coli  
 59 <400> SEQUENCE: 3  
 61 Asn Tyr Tyr Asp Ile Thr Leu Ala Leu Ala Gly Ile Cys Gln Ser Ala  
 62 1 5 10 15  
 65 Arg Leu Val Gln Leu Ala  
 66 20  
 69 <210> SEQ ID NO: 4  
 70 <211> LENGTH: 23  
 71 <212> TYPE: PRT

Does Not Comply  
 Corrected Diskette Needed

PP. 56

## RAW SEQUENCE LISTING

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TIME: 14:34:15

Input Set : A:\24348-501NATL.ST25.txt

Output Set: N:\CRF4\01262005\J501838.raw

```

72 <213> ORGANISM: Vibrio cholerae
74 <400> SEQUENCE: 4
76 Ala Ile Tyr Asp Arg Thr Ile Ala Phe Ala Gly Ile Cys Gln Ala Val
77 1           5           10           15
80 Ala Leu Val Gln Gln Val Ala
81           20
84 <210> SEQ ID NO: 5
85 <211> LENGTH: 23
86 <212> TYPE: PRT
87 <213> ORGANISM: Buchnera aphidicola
89 <400> SEQUENCE: 5
91 Lys Ile His Leu Ile Thr Leu Ser Leu Ala Gly Ile Cys Gln Ser Ala
92 1           5           10           15
95 His Leu Val Gln Leu Ala
96           20
99 <210> SEQ ID NO: 6
100 <211> LENGTH: 23
101 <212> TYPE: PRT
102 <213> ORGANISM: Pseudomonas aeruginosa
104 <400> SEQUENCE: 6
106 Asp Pro Arg Gln Gln Leu Ile Ala Leu Gly Ala Val Phe Glu Ser Ala
107 1           5           10           15
110 Ala Leu Val Asp Lys Leu Ala
111           20
114 <210> SEQ ID NO: 7
115 <211> LENGTH: 23
116 <212> TYPE: PRT
117 <213> ORGANISM: Xylella fastidiosa
119 <400> SEQUENCE: 7
121 Leu Ile Asp Asn Arg Val Leu Ala Leu Ala Gly Val Val Gln Ala Leu
122 1           5           10           15
125 Gln Gln Val Arg Gln Ile Ala
126           20
129 <210> SEQ ID NO: 8
130 <211> LENGTH: 23
131 <212> TYPE: PRT
132 <213> ORGANISM: Rhizobium loti
134 <400> SEQUENCE: 8
136 Asn Leu Pro Pro Ile Val Leu Ala Val Ile Gly Ile Cys Ala Ala Val
137 1           5           10           15
140 Phe Leu Leu Gln Gln Tyr Val
141           20
144 <210> SEQ ID NO: 9
145 <211> LENGTH: 23
146 <212> TYPE: PRT
147 <213> ORGANISM: Homo sapiens
149 <400> SEQUENCE: 9
151 Asn Tyr Phe Ile Val Asn Leu Ala Leu Ala Asp Leu Cys Met Ala Ala
152 1           5           10           15

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/501,838

DATE: 01/26/2005

TIME: 14:34:15

Input Set : A:\24348-501NATL.ST25.txt

Output Set: N:\CRF4\01262005\J501838.raw

```

155 Phe Asn Ala Ala Phe Asn Phe
156          20
159 <210> SEQ ID NO: 10
160 <211> LENGTH: 23
161 <212> TYPE: PRT
162 <213> ORGANISM: Chlamydia pneumoniae
164 <400> SEQUENCE: 10
166 Thr Ala Phe Asp Phe Asn Lys Met Leu Asp Gly Val Cys Thr Tyr Val
167 1          5          10          15
170 Lys Gly Val Gln Gln Tyr Leu
171          20
174 <210> SEQ ID NO: 11
175 <211> LENGTH: 23
176 <212> TYPE: PRT
177 <213> ORGANISM: Rhizobium loti
179 <400> SEQUENCE: 11
181 Arg Ala Ile Leu Ile Pro Leu Ala Leu Ala Gly Leu Cys Gln Val Ala
182 1          5          10          15
185 Arg Ala Gly Asp Ile Ser Ser
186          20
189 <210> SEQ ID NO: 12
190 <211> LENGTH: 25
191 <212> TYPE: PRT
192 <213> ORGANISM: Bacillus subtilis
194 <400> SEQUENCE: 12
196 Met Arg Asn Leu Thr Lys Thr Ser Leu Leu Leu Ala Gly Leu Cys Thr
197 1          5          10          15
200 Ala Ala Gln Met Val Phe Val Thr His
201          20          25
204 <210> SEQ ID NO: 13
205 <211> LENGTH: 25
206 <212> TYPE: PRT
207 <213> ORGANISM: Kingella denitrificans
209 <400> SEQUENCE: 13
211 Ile Glu Leu Met Ile Val Ile Ala Ile Ile Gly Ile Leu Ala Ala Ile
212 1          5          10          15
215 Ala Leu Pro Ala Tyr Gln Glu Tyr Val
216          20          25
219 <210> SEQ ID NO: 14
220 <211> LENGTH: 25
221 <212> TYPE: PRT
222 <213> ORGANISM: Eikenella corrodens
224 <400> SEQUENCE: 14
226 Ile Glu Leu Met Ile Val Ile Ala Ile Ile Gly Ile Leu Ala Ala Ile
227 1          5          10          15
230 Ala Leu Pro Ala Tyr Gln Asp Tyr Val
231          20          25
234 <210> SEQ ID NO: 15
235 <211> LENGTH: 16

```

## RAW SEQUENCE LISTING

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Input Set : A:\24348-501NATL.ST25.txt

Output Set: N:\CRF4\01262005\J501838.raw

```

236 <212> TYPE: PRT
237 <213> ORGANISM: Zonula occludens toxin
239 <400> SEQUENCE: 15
241 Ala Ser Phe Gly Phe Cys Ile Gly Arg Leu Cys Val Gln Asp Gly Phe
242 1           5           10           15
245 <210> SEQ ID NO: 16
246 <211> LENGTH: 4
247 <212> TYPE: PRT
248 <213> ORGANISM: Artificial sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: Cleavable linker peptide
253 <400> SEQUENCE: 16
255 Ile Glu Gly Arg
256 1
259 <210> SEQ ID NO: 17
260 <211> LENGTH: 6
261 <212> TYPE: PRT
262 <213> ORGANISM: Artificial sequence
264 <220> FEATURE:
265 <223> OTHER INFORMATION: Cleavable linker peptide
267 <400> SEQUENCE: 17
269 Gly Gly Lys Gly Gly Lys
270 1           5
273 <210> SEQ ID NO: 18
274 <211> LENGTH: 30
275 <212> TYPE: PRT
276 <213> ORGANISM: Artificial sequence
278 <220> FEATURE:
279 <223> OTHER INFORMATION: Penetrating peptide/recombinant insulin chimera
282 <220> FEATURE:
283 <221> NAME/KEY: misc_feature
284 <222> LOCATION: (30)..(30)
285 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
287 <400> SEQUENCE: 18
289 Asn Tyr Tyr Asp Ile Thr Leu Ala Leu Ala Gly Ile Cys Gln Ser Ala
290 1           5           10           15
W--> 293 Arg Leu Val Gln Gln Leu Ala Gly Gly Ile Glu Gly Arg Xaa
294           20           25           30
297 <210> SEQ ID NO: 19
298 <211> LENGTH: 26
299 <212> TYPE: PRT
300 <213> ORGANISM: Artificial
302 <220> FEATURE:
303 <223> OTHER INFORMATION: Penetrating peptide/recombinant insulin chimera
306 <220> FEATURE:
307 <221> NAME/KEY: misc_feature
308 <222> LOCATION: (26)..(26)
309 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
311 <400> SEQUENCE: 19

```

## RAW SEQUENCE LISTING

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Input Set : A:\24348-501NATL.ST25.txt

Output Set: N:\CRF4\01262005\J501838.raw

313 Asn Tyr Tyr Asp Ile Thr Leu Ala Leu Ala Gly Ile Cys Gln Ser Ala  
 314 1 5 10 15  
 W--> 317 Arg Leu Val Gln Gln Leu Ala Gly Gly Xaa  
 318 20 25  
 321 <210> SEQ ID NO: 20  
 322 <211> LENGTH: 31  
 323 <212> TYPE: PRT  
 324 <213> ORGANISM: Artificial  
 326 <220> FEATURE:  
 327 <223> OTHER INFORMATION: Penetrating peptide/heparin chimera  
 330 <220> FEATURE:  
 331 <221> NAME/KEY: PEPTIDE  
 332 <222> LOCATION: (31)..(31)  
 333 <223> OTHER INFORMATION: Wherein Xaa is a heparin polypeptide  
 335 <220> FEATURE:  
 336 <221> NAME/KEY: misc\_feature  
 337 <222> LOCATION: (31)..(31)  
 338 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
 340 <400> SEQUENCE: 20  
 342 Asn Tyr Tyr Asp Ile Thr Leu Ala Leu Ala Gly Ile Cys Gln Ser Ala  
 343 1 5 10 15  
 W--> 346 Arg Leu Val Gln Gln Leu Ala Gly Gly Ile Glu Gly Arg Lys Xaa  
 347 20 25 30  
 350 <210> SEQ ID NO: 21  
 351 <211> LENGTH: 27  
 352 <212> TYPE: PRT  
 353 <213> ORGANISM: Artificial  
 355 <220> FEATURE:  
 356 <223> OTHER INFORMATION: Penetrating peptide/heparin chimera  
 359 <220> FEATURE:  
 360 <221> NAME/KEY: PEPTIDE  
 361 <222> LOCATION: (27)..(27)  
 362 <223> OTHER INFORMATION: Wherein Xaa is a heparin polypeptide  
 364 <220> FEATURE:  
 365 <221> NAME/KEY: misc\_feature  
 366 <222> LOCATION: (27)..(27)  
 367 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
 369 <400> SEQUENCE: 21  
 371 Asn Tyr Tyr Asp Ile Thr Leu Ala Leu Ala Gly Ile Cys Gln Ser Ala  
 372 1 5 10 15  
 W--> 375 Arg Leu Val Gln Gln Leu Ala Gly Gly Lys Xaa  
 376 20 25  
 379 <210> SEQ ID NO: 22  
 380 <211> LENGTH: 32  
 381 <212> TYPE: PRT  
 382 <213> ORGANISM: Artificial  
 384 <220> FEATURE:  
 385 <223> OTHER INFORMATION: Penetrating peptide  
 388 <220> FEATURE:

"Xaa" can only represent a single amino acid (see item 5 on Error Summary Sheet)

same error  
Please correct this type of error in subsequent sequences.

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

give source of genetic material (see item 11 on Error Summary Sheet)

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/501,838DATE: 01/26/2005  
TIME: 14:34:16Input Set : A:\24348-501NATL.ST25.txt  
Output Set : N:\CRF4\01262005\J501838.rawPlease Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:18; Xaa Pos. 30 /  
Seq#:19; Xaa Pos. 26 /  
Seq#:20; Xaa Pos. 31 /  
Seq#:21; Xaa Pos. 27 /  
Seq#:22; Xaa Pos. 1,32  
Seq#:23; Xaa Pos. 26  
Seq#:30; Xaa Pos. 1,32  
Seq#:31; Xaa Pos. 1,32  
Seq#:32; Xaa Pos. 1,32  
Seq#:33; Xaa Pos. 1,32  
Seq#:34; Xaa Pos. 1,31  
Seq#:35; Xaa Pos. 1,34  
Seq#:36; Xaa Pos. 1,32  
Seq#:37; Xaa Pos. 1,31  
Seq#:38; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16  
Seq#:39; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22  
Seq#:39; Xaa Pos. 23  
Seq#:40; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22  
Seq#:40; Xaa Pos. 23  
Seq#:41; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22  
Seq#:41; Xaa Pos. 23  
Seq#:42; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22  
Seq#:42; Xaa Pos. 23,24,25  
Seq#:43; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22  
Seq#:43; Xaa Pos. 23  
Seq#:44; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22  
Seq#:44; Xaa Pos. 23  
Seq#:45; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22  
Seq#:45; Xaa Pos. 23  
Seq#:46; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22  
Seq#:46; Xaa Pos. 23,24  
Seq#:47; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22  
Seq#:47; Xaa Pos. 23,24,25  
Seq#:48; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22  
Seq#:48; Xaa Pos. 23  
Seq#:49; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22  
Seq#:49; Xaa Pos. 23  
Seq#:50; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22  
Seq#:50; Xaa Pos. 23,24,25,26  
Seq#:51; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22  
Seq#:51; Xaa Pos. 23,24,25,26,27,28  
Seq#:52; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22  
Seq#:52; Xaa Pos. 23



RAW SEQUENCE LISTING ERROR SUMMARY  
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:19,20,21,22,23,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48

Seq#:49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71

## VERIFICATION SUMMARY

DATE: 01/26/2005

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TIME: 14:34:16

Input Set : A:\24348-501NATL.ST25.txt

Output Set : N:\CRF4\01262005\J501838.raw

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:293 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:16

L:317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:16

L:346 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:16

L:375 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:16

L:410 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0

M:341 Repeated in SeqNo=22

L:443 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:16

L:568 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0

M:341 Repeated in SeqNo=30

L:607 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0

M:341 Repeated in SeqNo=31

L:646 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0

M:341 Repeated in SeqNo=32

L:685 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0

M:341 Repeated in SeqNo=33

L:724 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0

M:341 Repeated in SeqNo=34

L:763 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0

M:341 Repeated in SeqNo=35

L:806 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0

M:341 Repeated in SeqNo=36

L:845 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0

M:341 Repeated in SeqNo=37

L:949 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0

L:1049 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0

M:341 Repeated in SeqNo=39

L:1133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0

M:341 Repeated in SeqNo=40

L:1217 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0

M:341 Repeated in SeqNo=41

L:1286 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0

M:341 Repeated in SeqNo=42

L:1380 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0

M:341 Repeated in SeqNo=43

L:1444 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0

M:341 Repeated in SeqNo=44

L:1528 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0

M:341 Repeated in SeqNo=45

L:1642 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0

M:341 Repeated in SeqNo=46

L:1741 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:0

M:341 Repeated in SeqNo=47

L:1835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0

M:341 Repeated in SeqNo=48

L:1914 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0

M:341 Repeated in SeqNo=49

L:2030 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/501,838

DATE: 01/26/2005

TIME: 14:34:16

Input Set : A:\24348-501NATL.ST25.txt

Output Set: N:\CRF4\01262005\J501838.raw

M:341 Repeated in SeqNo=50

L:2144 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0

M:341 Repeated in SeqNo=51